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PATENT

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Applicants: Tierney et al.)	I hereby certify that this paper is being
Serial No.: 10/549,462)	deposited with the United States Postal Service, first class postage prepaid, addressed
Filed: March 19, 2004	Ś	to: Commissioner for Patents, P.O. Box 1450
For: ELECTROLUMINESCENT)	Alexandria, VA 22313-1450
DEVICE)	January 25, 2006
Group Art Unit: To be assigned)	\circ
Examiner: To be assigned	ĺ	1- GA
)	James P. Zeller
	Ć	Reg. No. 28,491
)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The patents listed on the enclosed Form PTO-SB/08 are identified pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the patents are submitted as required.

Entry and consideration of the submitted documents is solicited.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

January 25, 2006

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Reg. No. 28,491

Attorneys for Applicants



PTO/SB/08a/b (07-05)
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Substitute for form 1449A/B/PTO		Complete if Known			
				Application Number	10/549,462
11	IFORMATIO	N DIS	CLOSURE	Filing Date	September 12, 2005
STATEMENT BY APPLICANT				First Named Inventor	Brian Tierney
				Art Unit	To be assigned
	(Use as many sheets as necessary)			Examiner Name	To be assigned
Sheet	1	of	2	Attorney Docket Number	29610/CDT448

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	Α*	US-4,539,507	09-03-1985	VanSllyke et al.					
	B*	US-5,723,873	03-03-1998	Yang					
	C*	US-5,734,225	03-31-1998	Biebuyck et al.					
	D*	US-5,798,170	08-25-1998	Zhang et al.	•				
	E*	US-6,107,452	08-22-2000	Miller et al.					
	F*	US-6,268,695-B1	07-31-2001	Affinito .					
	G*	US-6,353,083-B1	03-05-2002	Inbasekaran et al.					
	H*	US-2001/0026878-A1	10-04-2001	Woo et al.					

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	EP-1 003 354 A1	05-24-2000	Kobayashi et al.		1
	J	EP-0 776 147 B1	08-01-2001	Kawami et al.		1
	K	EP-1 220 341 A2	07-03-2002	Naito		1
	L	EP-0 901 176 B1	10-29-2003	Towns et al.		1
•	М	EP-0 949 850 B1	08-04-2004	Burroughes et al.		1
	N	JP-09283281	10-31-1997	Murakami Mutsuaki		1
	0	GB-2 348 316 A	09-27-2000	Burroughes et al.		1
	Р	WO-WO 90/13148	11-01-1990	Friend et al.		1
	Q	WO-WO 94/03030	02-03-1994	Friend et al.		1
	R	WO-WO 96/16449	05-30-1996	Halls et al.		1
	S	WO-WO 98/05187	02-05-1998	Pichler et al.		4
	.T	WO-WO 98/57381	12-17-1998	Cao		7
	U	WO-WO 99/21935	05-06-1999	Samuel et al.		1
	V	WO-WO 99/48160	09-23-1999	Burroughes et al.		1
	W	WO-WO 99/54385	10-28-1999	Woo et al.		1
	X	WO-WO 00/46321	08-10-2000	Inbasekaran et al.		1
	Y	WO-WO 00/48321	08-17-2000	Kondo et al.		1
	Z	WO-WO 00/53656	09-14-2000	Towns et al.		1
	AA	WO-WO 00/55927	09-21-2000	Towns et al.		1
	AB	WO-WO 01/19142 A1	03-15-2001	Bailey et al.		1
	AC .	WO-WO 01/62869 A1	08-30-2001	Towns et al.		1
	AD	WO-WO 01/81649 A1	11-01-2001	Graff et al.		1
	AE	WO-WO 02/31896 A2	04-18-2002	Periyasamy et al.		1
	AF	WO-WO 02/031896 A3	04-18-2002	Periyasamy et al.		11
	AG	WO-WO 02/084759 A1	10-24-2002	Buechel et al.		1
	AH	WO-WO 03/019696 A2	03-06-2003	Cina		1

Examiner	Date
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Signature	Considered

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Sheet	2	of	2	Attorney Docket Number	29610/CDT448

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	Al	Written Opinion of the International Searching Authority, corresponding to International Patent Application Serial No. PCT/GB2004/001209, European Patent Office, dated 09/20/2004, 6 pages.	
	AJ	International Search Report, corresponding to International Patent Application Serial No. PCT/GB2004/001209, European Patent Office, dated 09/20/2004, 5 pages.	
	AK .	Combined Search and Examination Report under Sections 17 and 18(3), corresponding to United Kingdom Patent Application Serial No. GB 0306409.4, The Patent Office of Great Britain, dated 09/23/2003, 7 pages.	
	AL	M. Kreyenschmidt et al., "Thermally Stable Bue-Light-Emitting Copolymers of Poly(alkylfluorene)", American Chemical Society, Macromolecules 1998, 31, 1099-1103.	
	AM	Kobayaski et al., "A novel RGB multicolor light-emitting polymer display", Elsevier Science S.A., Synthetic Metals 111-112 (2000) 125-128.	
	AN	Yu-Hua Niu et al., Thermal annealing below the glass transition temperature: A general way to increase performance of light-emitting diodes based on copolyfluorenes, American Institute of Physics, Applied Physics Letters, Volume 81, Number 4, 22 July 2002, pgs. 634-636.	
:	AO .	Wang et al., "Novel Light-Emitting Devices Based On Pyridine-Containing Conjugated Polymers," IEEE Transactions On Electron Devices, Vol. 44, No. 8, August 1997, Pages 1263-1628.	
	AP	Bernius et al., "Progress with Light-Emitting Polymers," Advanced Materials, 2000 12(23), Pages 1737-1750.	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date		
Signature	Considered		

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.